

Figure 1.

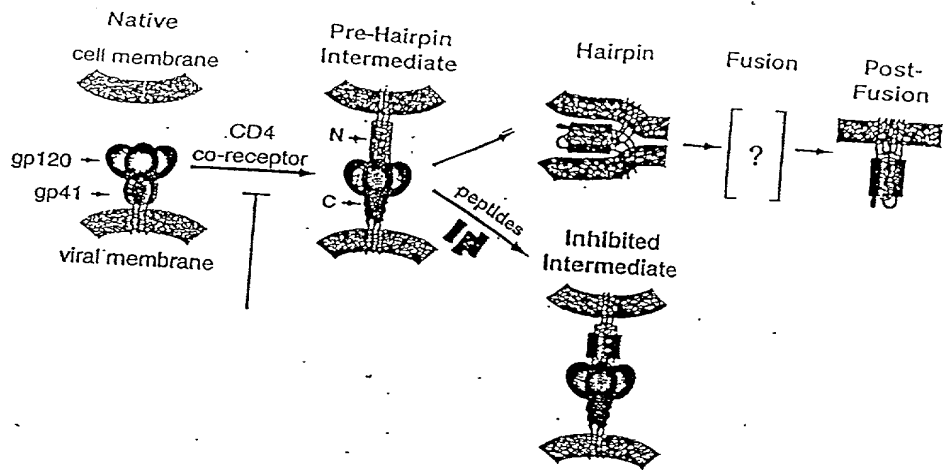
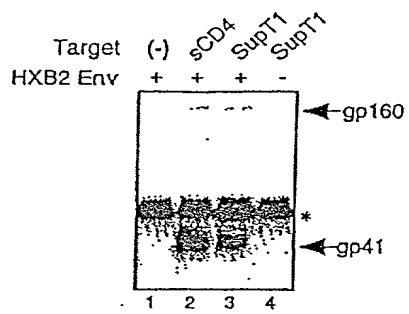


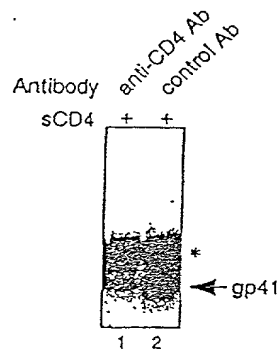
Figure 1. HIV-1 fusion mechanism. The diagram illustrates the fusion of the HIV-1 viral membrane with the native cell membrane. The viral membrane contains gp120 and gp41, while the native cell membrane contains the CD4 co-receptor. The process proceeds through a Pre-Hairpin Intermediate, a Hairpin intermediate, and a Fusion step (indicated by a bracket with a question mark) to reach the Post-Fusion state. Peptides (represented by a black bar) can bind to the gp41 protein, preventing the formation of the hairpin structure and leading to an Inhibited Intermediate.

Figures 2A-2C

a



b



c

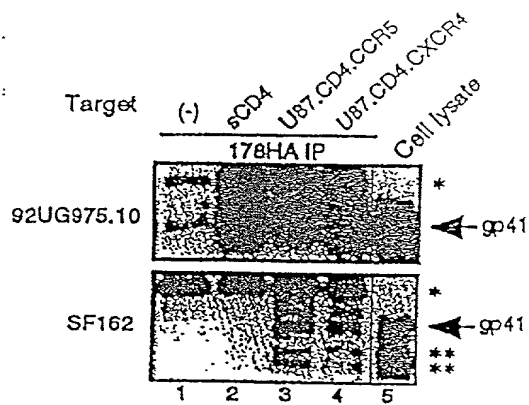
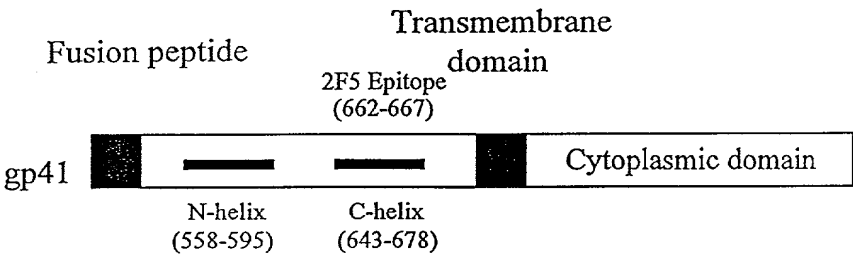


FIGURE 3



FIGURES 4A and 4B

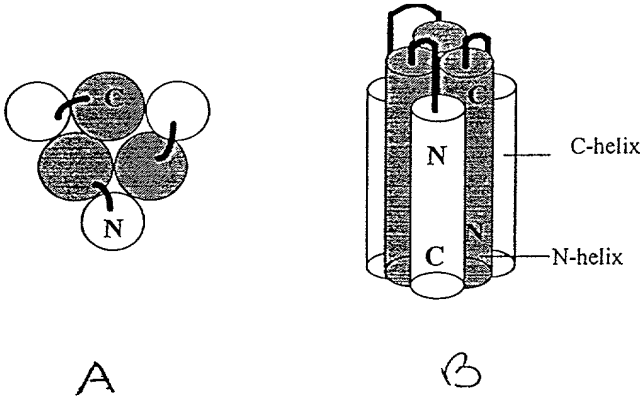


FIGURE 5

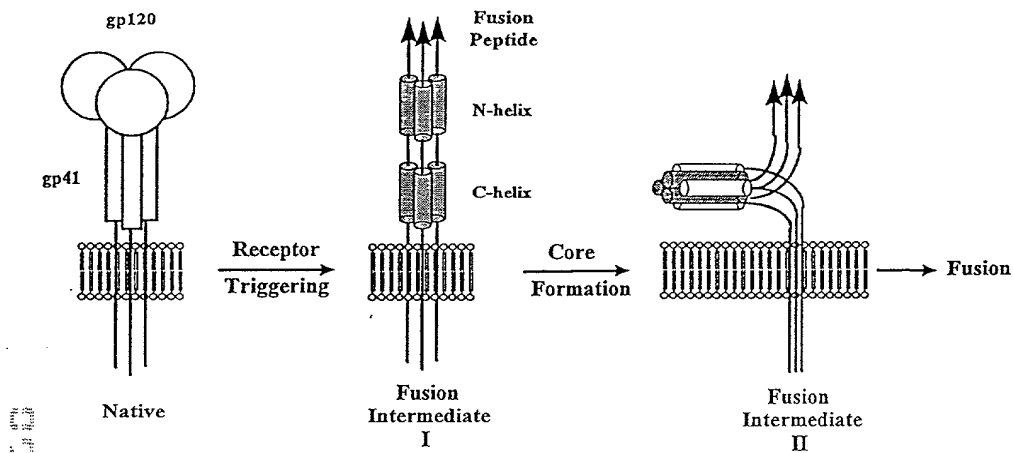
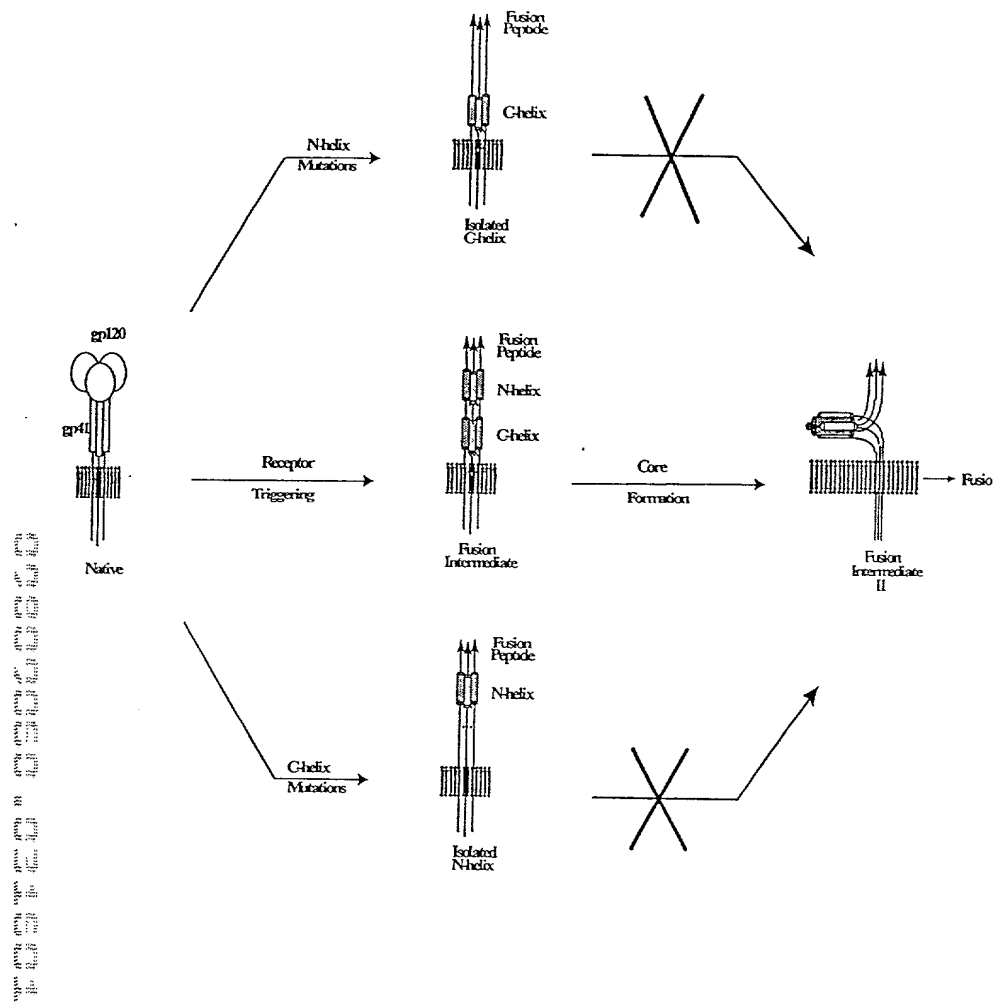
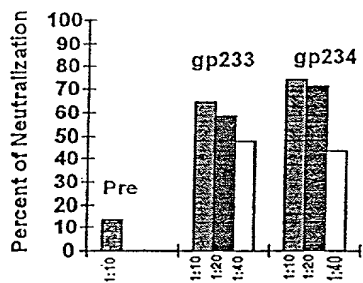


FIGURE 6



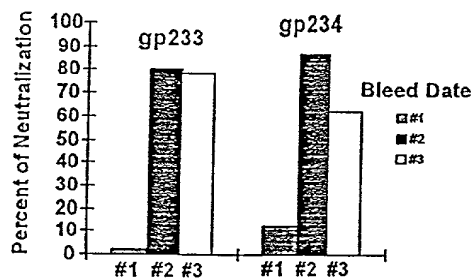
FIGURES 7A and 7B

Neutralizing Activity of Guinea Pig Sera against HIV_{MT} on MT-2 targets



A

Neutralizing Activity of Guinea Pig Sera at 1:10 against HIV_{MT} Virus on CEM targets



B